

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A fuel cell device comprising:

a fuel cell cooled by antifreeze solution;

**a water storage unit adapted to store water to be supplied to the fuel cell;**

~~an a first~~ antifreeze circulation flow passage to allow the antifreeze solution to be circulated [[:]] **, the first antifreeze circulation flow passage including:**

**the fuel cell;**

an antifreeze heater disposed in ~~a midway of~~ the first antifreeze circulation flow passage to heat the antifreeze solution; **and**

~~a water storage unit that stores water to be supplied to the fuel cell;~~ **and**

a hot medium flow passage disposed ~~in~~ **around** a water contact section of the water storage unit to allow the antifreeze solution, heated by the antifreeze heater, to flow; **and**

**a second antifreeze circulation flow passage to allow the antifreeze solution to be circulated, the second antifreeze circulation flow passage including:**

**the fuel cell;**

**the hot medium flow passage; and**

**a radiator disposed in the second antifreeze circulation flow passage adapted to radiate heat from the antifreeze solution.**

2. (Currently Amended) The fuel cell device according to claim 1, further comprising:

a water pump adapted to draw ~~drawing~~ water, stored in the water storage unit, to an outside; and

a suction conduit heater section disposed around a periphery of a water suction conduit of the water pump to allow the heated antifreeze solution to flow.

3. (Currently Amended) The fuel cell device according to claim 1, further comprising:

an antifreeze rectification plate disposed in the hot medium flow passage to ~~rectify~~ guide a flow of the antifreeze solution therealong.

4. (Currently Amended) The fuel cell device according to claim 1, wherein the hot medium flow passage is disposed along at least a portion of an inner wall of the water storage unit.

5. (Currently Amended) The fuel cell device according to claim 1, wherein the hot medium flow passage is formed in a plurality of flow passage components that are stacked and stacks-to-allow-mutually-adjacent, stacked-hot-medium-flow-passage components-to-be water tightly sealed ~~watertight~~, and the ~~stacked-hot-medium-plurality of~~ flow passage components form at least a portion of a side wall of the water storage unit.

6. (Original) The fuel cell device according to claim 4, wherein the hot medium flow passage is formed in a spiral shape.

7. (Original) The fuel cell device according to claim 1, wherein the hot medium flow passage has an antifreeze solution inlet, through which the antifreeze solution flows in,

located at a higher position than an antifreeze solution outlet, through which the antifreeze solution flows out.

8. (Currently Amended) The fuel cell device according to claim 1, further comprising:

a switch-over unit **adapted to expel** ~~expelling~~ the antifreeze solution from the hot medium flow passage to allow air to be admitted to the hot medium flow passage in place of the expelled antifreeze solution.

9. (Original) The fuel cell device according to claim 8, further comprising:

an antifreeze accommodating unit that, when the hot medium flow passage is admitted with air in place of the antifreeze solution, allows the air to expel the antifreeze solution such that the expelled antifreeze solution is accommodated.

10. (Original) The fuel cell device according to claim 8, wherein the air to be admitted to the hot medium flow passage in place of the antifreeze solution includes combustion gas resulting from a combustor disposed in the antifreeze heater.

11. (Currently Amended) The fuel cell device according to claim 8, further comprising ~~[[:]]~~ an air storage unit storing air to be introduced into the hot medium flow passage in place of the antifreeze solution.

12. (Currently Amended) The fuel cell device according to claim 8, further comprising:

an antifreeze temperature detector **adapted to detect** ~~detecting~~ the temperature of the antifreeze solution in the hot medium flow passage; wherein

when the temperature of the antifreeze solution is detected to fall in a value higher than 0°C and lower than  $\alpha$ °C ( $\alpha$  heat capacity reference temperature of the antifreeze

solution), the antifreeze temperature detector controls ~~the a~~ hot medium change-over unit so as to allow the air to be admitted to the hot medium flow passage in place of the antifreeze solution.

13. (Currently Amended) The fuel cell device according to claim 1, further comprising:

a water temperature detector adapted to detect ~~detecting~~ a water temperature in the water storage unit; and

a bypass unit adapted to bypass ~~bypassing~~ the hot medium flow passage; wherein

when the detected water temperature exceeds a preset value, the water temperature detector controls the bypass unit to allow the antifreeze solution to bypass the hot medium flow passage.

14. (Currently Amended) The fuel cell device according to claim 8, wherein the water storage unit includes a double-layer structure comprises ~~composed of~~ an inside tank component and an outside tank component, between which the hot medium flow passage is formed, and a heat insulation member with a specific gravity greater than the air and less than the antifreeze solution is moveably received in the hot medium flow passage.

15. (Currently Amended) The fuel cell device according to claim 14, wherein the heat insulation ~~heating~~ member includes a plurality of members smaller in size than a flow sectional area of the hot medium flow passage formed between the inside tank component and the outside tank component.

16. (Currently Amended) The fuel cell device according to claim 1, wherein the antifreeze solution heated by the antifreeze heater heats the fuel cell and heat heats the water in the water storage unit while flowing through the hot medium flow passage.

17. (Currently Amended) A fuel cell device comprising:

a fuel cell cooled by antifreeze solution;

**a water storing means for storing water to be supplied to the fuel cell;**

**first** antifreeze circulation means for circulating the antifreeze solution [[:]] **, the first antifreeze circulating means including:**

**the fuel cell;**

antifreeze heating means for heating the antifreeze solution flowing through the **first** antifreeze circulation means; **and**

**water storing means for storing water to be supplied to the fuel cell; and**

hot medium flow passage means disposed **in around** a water contact section of the water storing means to allow the antifreeze solution, heated by the antifreeze heating means, to flow; **and**

**a second antifreeze circulation means for circulating the antifreeze solution, the second antifreeze circulation means including:**

**the fuel cell;**

**the hot medium flow passage means; and**

**radiating means for radiating heat from the antifreeze solution flowing through the second antifreeze circulation means.**

18. (Currently Amended) A method of controlling a fuel cell device, the method comprising:

preparing a fuel cell;

preparing a water storage unit, to store water to be supplied to the fuel cell, that has a hot medium flow passage;

circulating antifreeze solution to the fuel cell and the hot medium flow passage through ~~an~~ a first antifreeze circulation flow passage; ~~and~~

heating the antifreeze solution flowing through the first antifreeze circulation flow passage ~~for~~ thereby heating the water in the water storage unit; and

circulating the antifreeze solution to the fuel cell and a radiator through a second antifreeze circulation flow passage.

19. (New) The fuel cell device according to claim 1, wherein the second antifreeze circulation flow passage branches away from the first antifreeze circulation flow passage.

20. (New) The fuel cell device according to claim 17, wherein the second antifreeze circulation means branches away from the first antifreeze circulation means.

21. (New) The method according to claim 18, wherein the method is executed in the fuel cell device where the second antifreeze circulation flow passage branches away from the first antifreeze circulation flow passage.

22. (New) The method according to claim 18, wherein the action of circulating the antifreeze solution to the fuel cell and the radiator through the second antifreeze circulation flow passage includes circulating antifreeze solution to the hot medium flow passage.